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011699697 **Image available**

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Image processing method - involves smoothening one dimension of each image point based on direction of minimum brightness variation and component value of brightness variation vector

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Patent Family:

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JP 10003539	A	19980106	JP 96157895	A	19960619	199811 B

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Patent Details:

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JP 10003539	A	9	G06T-005/20	

Abstract (Basic): JP 10003539 A

The method involves computing an evaluation value by which the brightness variation of an image corresponding to several predetermined directions is evaluated. A brightness variation vector, which corresponds to a predetermined distance and a predetermined weight, for every image point is produced.

The component value of the brightness variation vector, which corresponds to the direction of a minimum brightness variation, is obtained. One dimension of each image point is smoothened according to the direction of the minimum brightness variation and the obtained component value.

ADVANTAGE - Improves accuracy in detecting direction of minimum brightness variation of image, thus fine image structure can be detected. Reduces moire which generates on flat section of image, through smoothening and correction of image.

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Derwent Class: T01

International Patent Class (Main): G06T-005/20